

MANUALLY-POWERED DRIVE DEVICE AND ASSEMBLY

ABSTRACT

A manually-powered drive device includes a drive train substantially disposed in a hollow housing. A laterally sliding transmission shaft extending laterally in an intermediate frame portion of the housing includes first and second circumferential recesses. A
5 transmission selector spring flexes and removably slidably couples within the first circumferential recess or the second circumferential recess as the transmission shaft laterally slides between alternate positions, thereby selecting the desired rotational direction for manipulating fasteners. Another manually-powered drive device includes a first drive
10 assembly extending coaxially in the barrel portion of the housing and a second drive assembly extending in the intermediate frame portion of the housing between any acute angle and any obtuse angle to the first drive assembly. A manually-powered drive device assembly includes a manually-powered drive device removably coupled with a removable attachment tool configured to transmit motion and driving force to a fastener for
15 manipulation.